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Tyco Technology Resources  
Suite 450  
4550 New Linden Hill Road  
Wilmington, DE 19808

EXAMINER

LEON, EDWIN A

ART UNIT PAPER NUMBER

2833

DATE MAILED: 08/29/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/049,764

Applicant(s)

DESSEIN ET AL.

Examiner

Edwin A. León

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 24 June 2002.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 10-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 10-12, 17 and 18 is/are rejected.
- 7) ☒ Claim(s) 13-16 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 3.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Objections*

1. Claim 1 is objected to because of the following informalities: on Line 2, "the plug" it should read – a plug–, and on Line 10, "the end face" it should read –an end face--. There is insufficient antecedent basis for these limitations in the claim. Appropriate correction is required.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 10-12 and 17-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Laudig et al. (U.S. Patent No. 4,772,222). With regard to Claim 10, Laudig et al. discloses an HF right-angle connector (1) comprising a plug receiver (7), on which a key (14) for the plug (16) to be received is disposed, and a socket housing (22), in which connecting means for a coaxial cable (2) are accommodated, wherein the plug receiver (7) is mountable in various positions onto the socket housing (22) and wherein a latching device (51) for securing the plug (16) to be received is disposed on

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the plug receiver (7), the plug receiver (7) being mountable in three different positions on the socket housing (22), so that the latching device (51) is disposed either to the left of the socket housing (22) or to the right or at the end face of the socket housing (22).

See Figs. 1-5.

With regard to Claim 11, Laudig et al. discloses the latching device (51) constituting the key (14) for the plug (16) to be received. See Figs. 1-5.

With regard to Claim 12, Laudig et al. discloses keying grooves/ribs (29) being provided in the plug receiver (7) which cooperate with corresponding keying ribs/grooves (32) on the plug (16) to be received. See Figs. 1-5.

With regard to Claim 17, Laudig et al. discloses the latching device (51) on the plug receiver (7) comprising of a latching hook (54). See Figs. 1-5.

With regard to Claim 18, Laudig et al. discloses an insulation displacement connection (Fig. 4.) for connecting to an external conductor (5) and a crimp connection (Fig. 4.) for connecting to an internal conductor (3). See Figs. 1-5.

### ***Allowable Subject Matter***

4. Claims 13-16 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The references fail to teach, disclose, or suggest, either alone or in combination, a middle part is disposed on the connecting side of the plug receiver to the socket

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housing, which is smaller than the area of the plug receiver, and a plate is disposed on the middle part, which projects laterally on all sides beyond the middle part, and opposing U-shaped receivers are formed on the socket housing, into which the plate is insertable and in combination with the rest of the limitations of the base claim.

### ***Conclusion***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Nishikawa et al. (U.S. Patent No. 5,078,621), Huang (U.S. Patent No. 6,517,387), Nagashima (U.S. Patent No. 5,180,315), Maruyama et al. (U.S. Patent No. 6,074,217), and Resnick et al. (U.S. Patent No. 5,322,453) discloses right angled connectors having coaxial cables, plug receivers and latching devices being mountable in different positions.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edwin A. León whose telephone number is (703) 308-6253. The examiner can normally be reached on Monday - Friday 9:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula A. Bradley can be reached on (703) 308-2319. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7722 for regular communications and (703) 308-7722 for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

*Edwin A. Leon*

Edwin A. Leon  
AU 2833

EAL  
August 19, 2003

*P. Austin Bradley*

P. AUSTIN BRADLEY  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2800